

1739\_2013\_2\_S263

# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Aug 2013

Time: 3 Hours

Max. Marks: 38 Marks

## Biochemistry

**Q.P. Code : 1739**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

**(Note : Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)****LONG ESSAYS (Answer any One)****1 x 10 = 10 Marks**

1. Define oxidative phosphorylation. Describe the components of electron transport chain
2. Describe the regulation of blood sugar level

**SHORT ESSAYS (Answer any Four)****4 x 5 = 20 Marks**

3. Give an account of digestion and absorption of lipids
4. *Glycogenolysis*
5. Functions of plasma proteins
6. Urea cycle
7. What are isoenzymes? Give two examples with their clinical importance

**SHORT ANSWERS****4 x 2 = 8 Marks**

8. Write the normal range of (a) Blood urea (b) Serum creatinine
9. Mitochondria
10. Name ketone bodies and test for detection of ketone bodies
11. Define Gluconeogenesis

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